

FIG.2

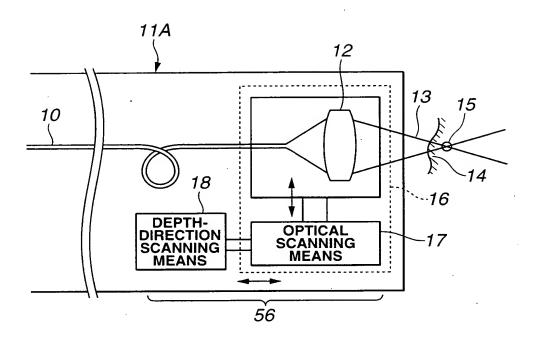
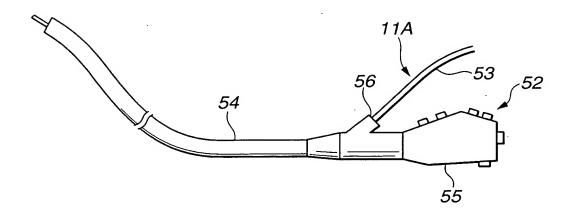


FIG.4



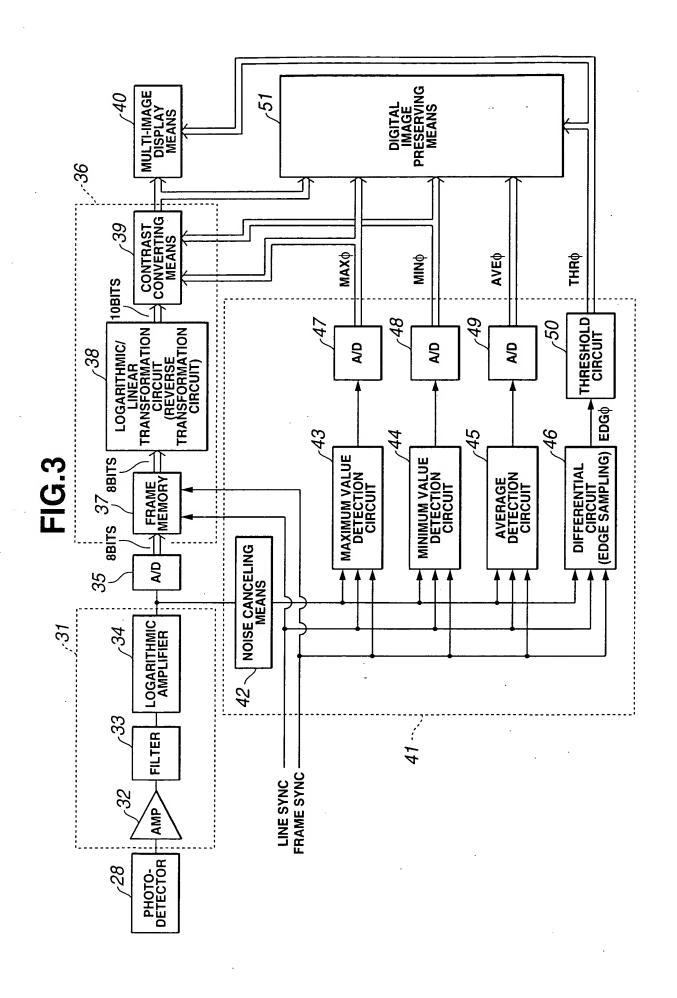


FIG.5

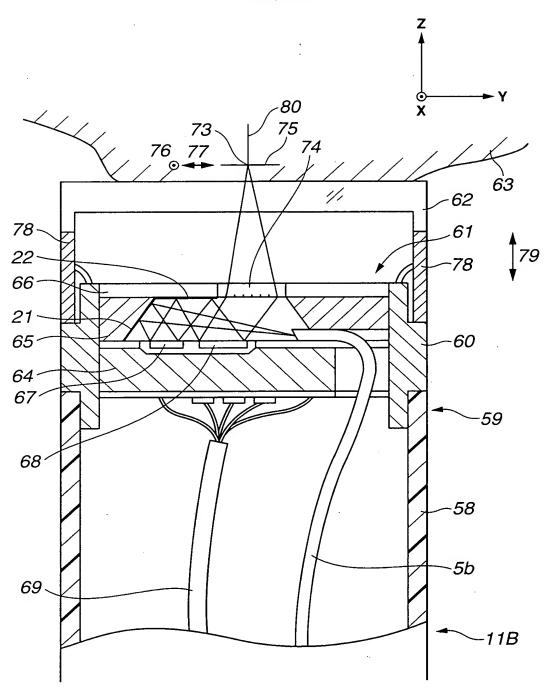
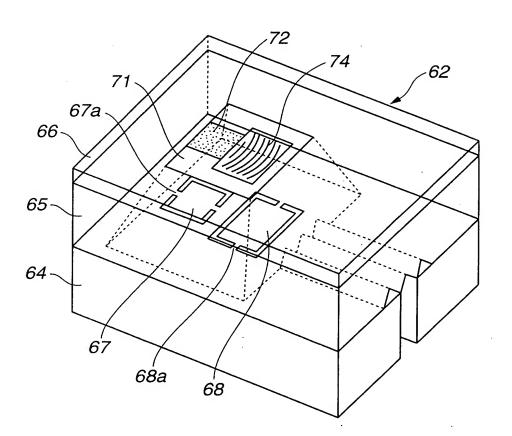
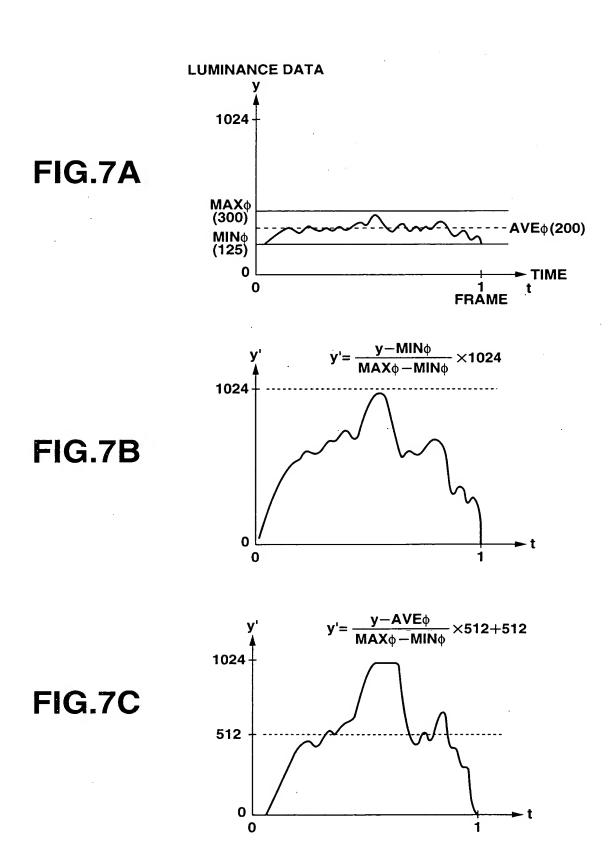
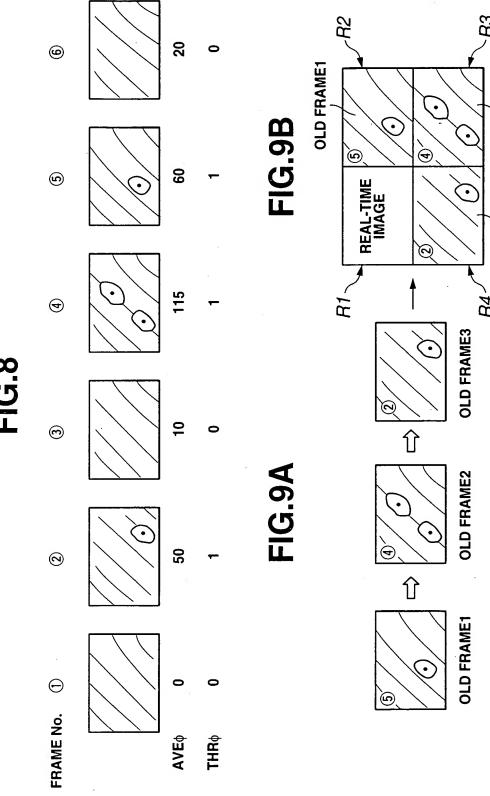


FIG.6

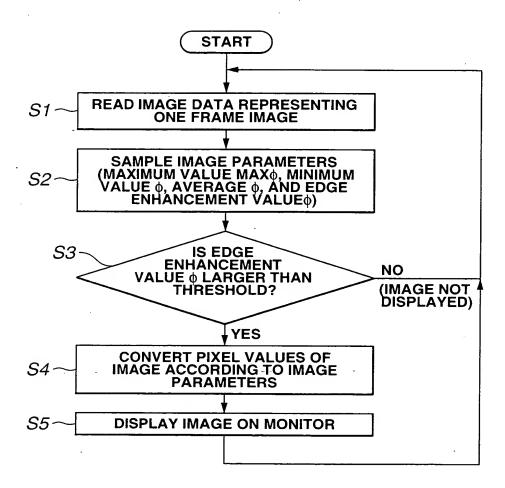




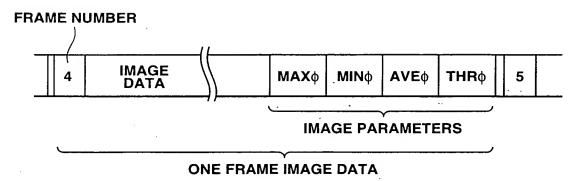


OLD FRAME3 OLD FRAME2

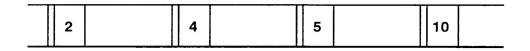
**FIG.10** 



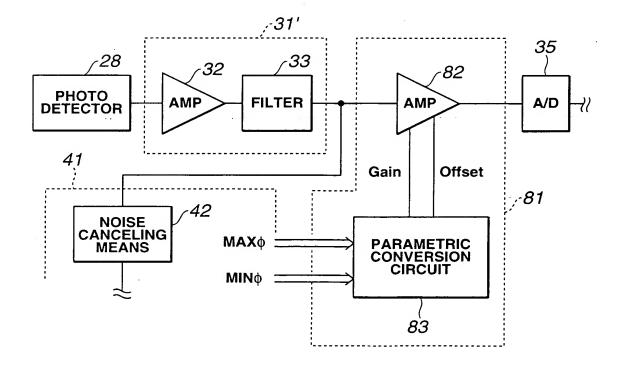
### FIG.11A



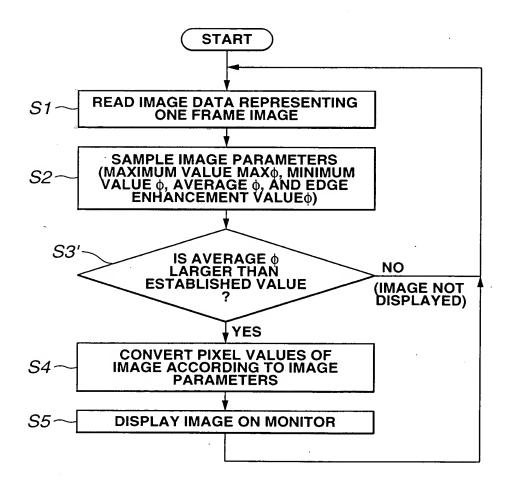
**FIG.11B** 

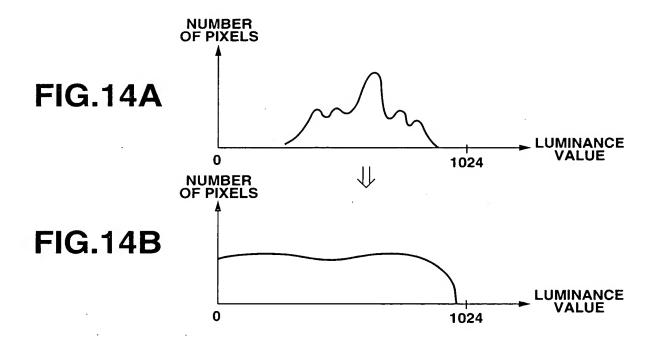


**FIG.13** 

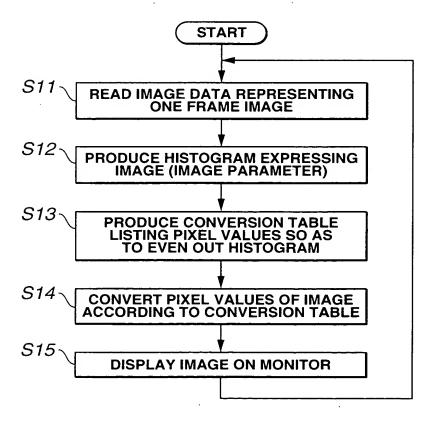


**FIG.12** 

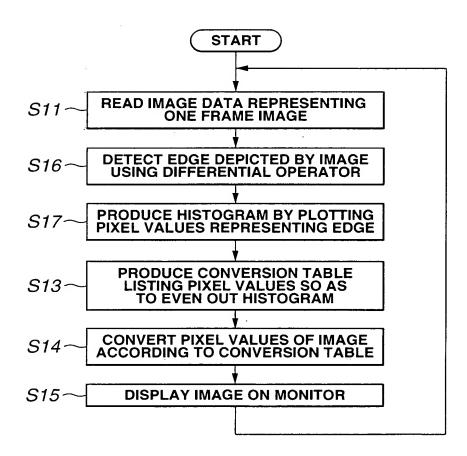




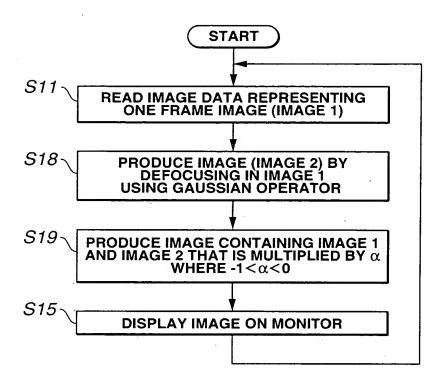
**FIG.15** 



**FIG.16** 



**FIG.17** 



**FIG.18** 

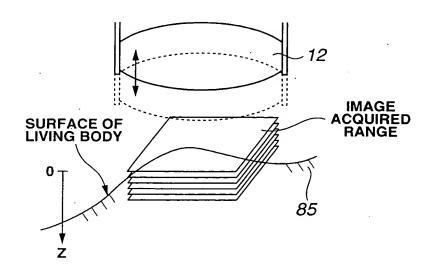
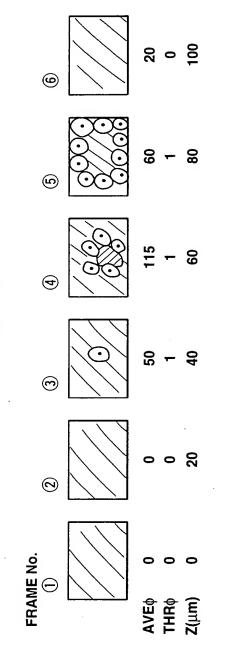
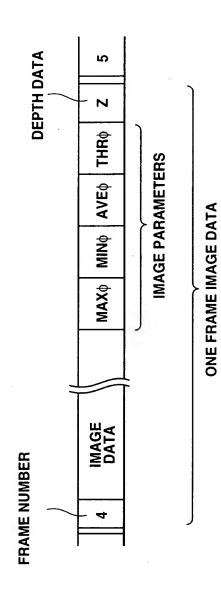
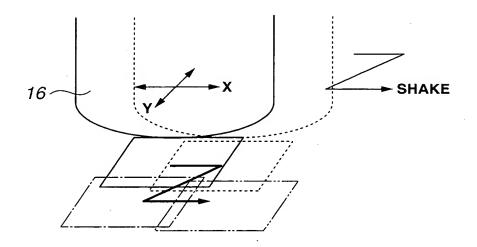


FIG.19

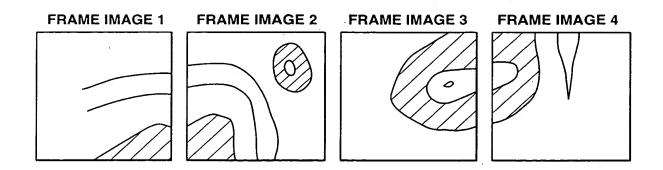




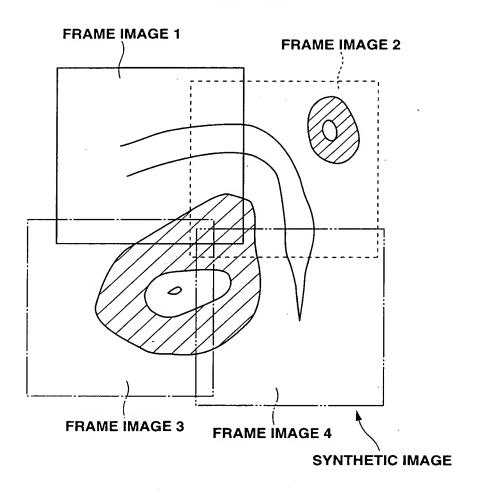
**FIG.21** 



**FIG.22** 



**FIG.23** 



**FIG.24** 

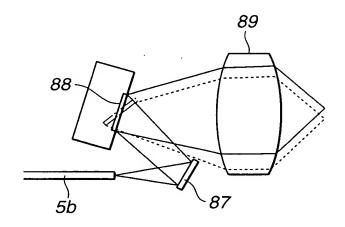
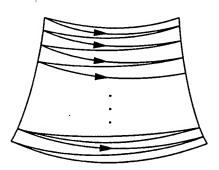
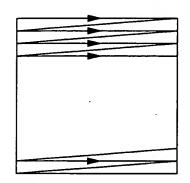


FIG.25A



**FIG.25B** 



**FIG.25C** 

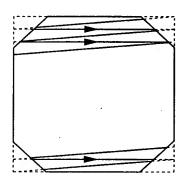
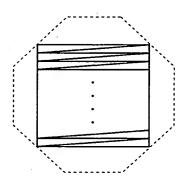
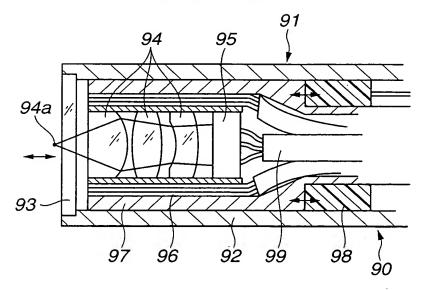
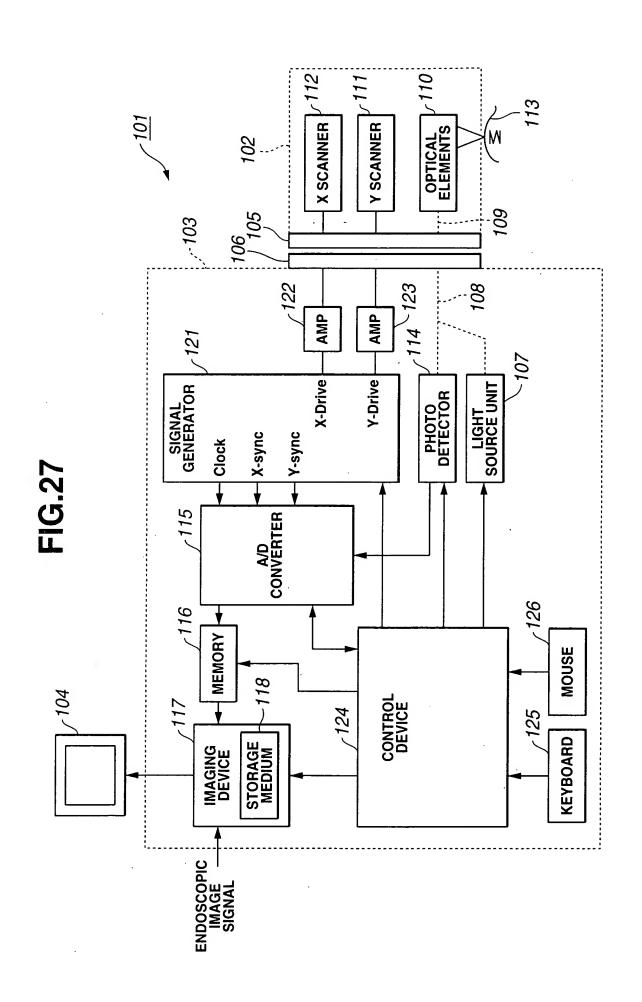


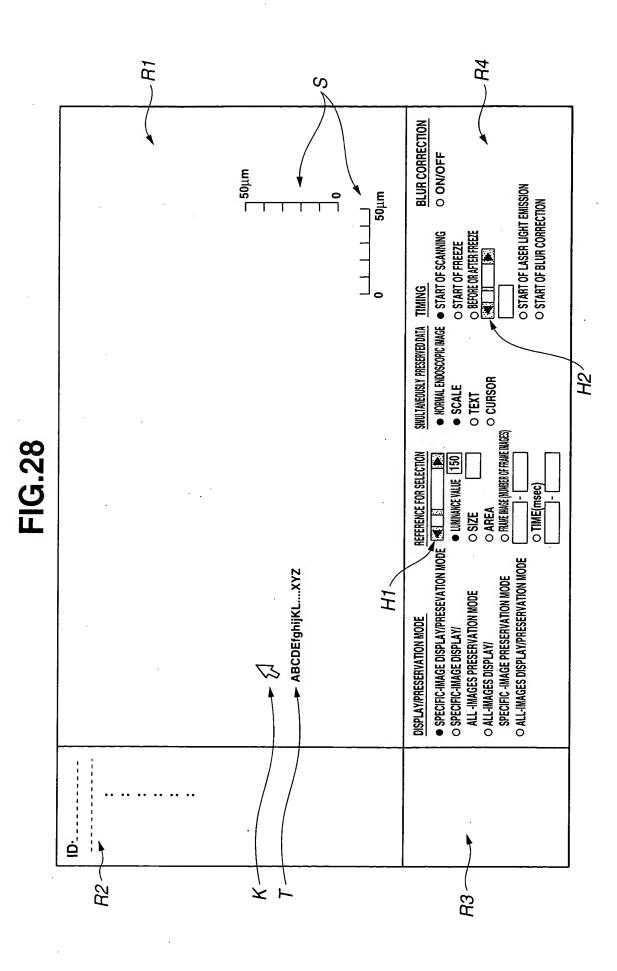
FIG.25D



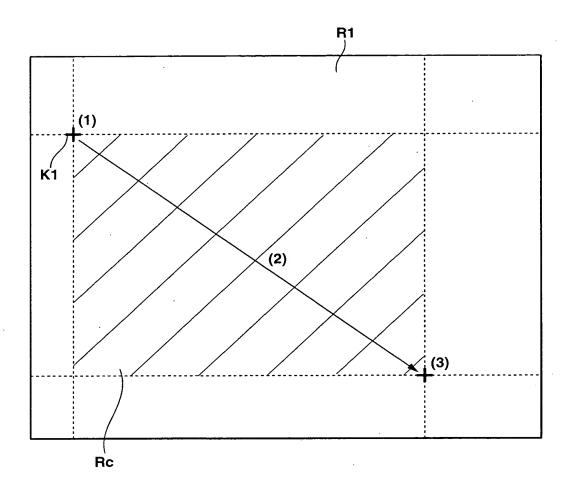
**FIG.26** 



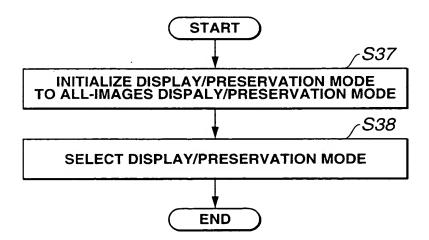




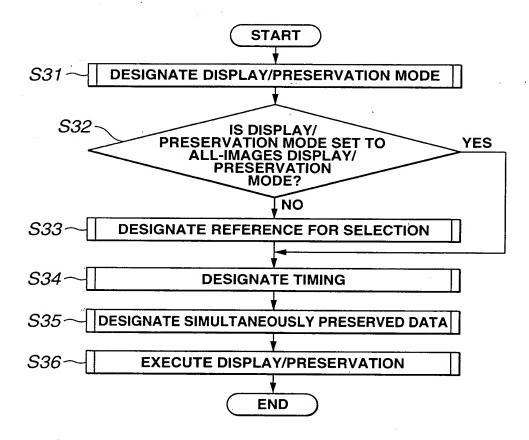
**FIG.29** 



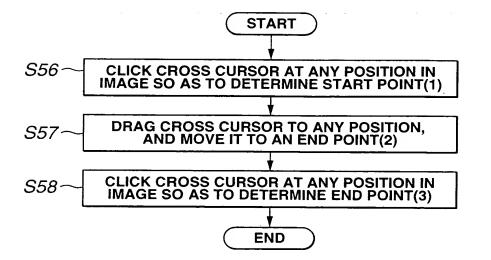
**FIG.31** 



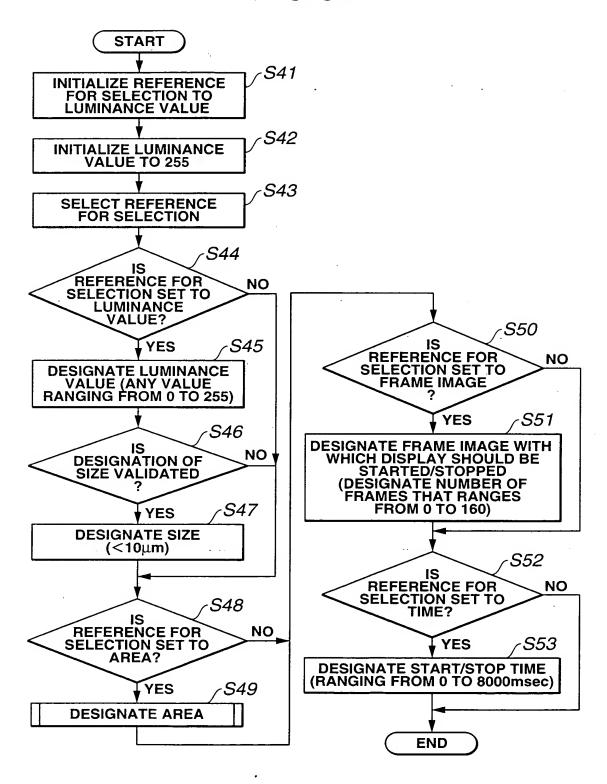
**FIG.30** 

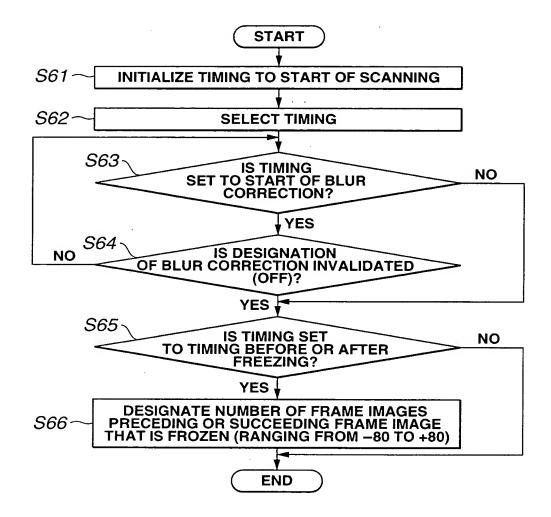


**FIG.33** 



**FIG.32** 





**FIG.35** 

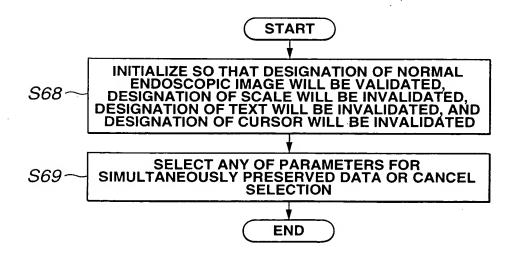


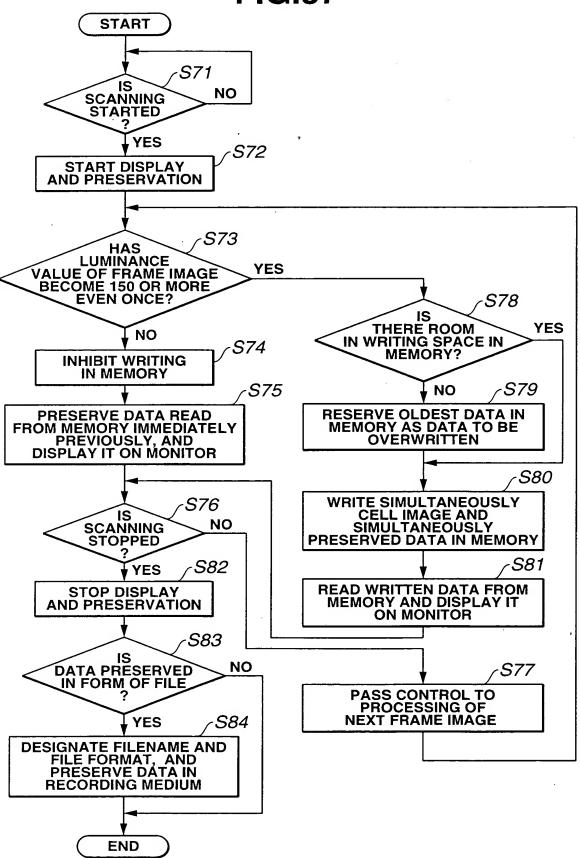
FIG.36A
PATTERNS OF SETTINGS FOR DISPLAY/PRESERVATION

DISPLAY/PRESERVATION	REFE	REFERENCE FOR SELECTION	TIMING	BLUR	SIMULTANEOUSLY PRESERVED DATA	NUMBER OF SEI ECTIVE PATTERNS
	101			110110	NOTITE THE PROPERTY OF THE PARTY OF THE PART	
IAGE	LUMINANCE	DESIGNATION	START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	-
DISPLAY/PRESERVATION	VALUE		EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
_	1	DESIGNATION	START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	5
		OF SIZE-OFF	EXECUTION OF FREEZE	ON/OFF	SCALE	
		01 3121-01	BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
_	4204		START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	5
-	AHEA		EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
•	FREEZE		START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	5
	11111		EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
•	TIME		START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	2
			EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
100	IIMINANCE	DESIGNATION	START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	9
DISPLAY/	VALUE		EXECUTION OF FREEZE	ON/OFF	SCALE	
ALL-IMAGES			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
LION			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
		DESIGNATION	START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	5
			EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	] TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF BLUR CORRECTION	NO		
	*10.4		START OF SCANNING	ON/OFF	NORMAL ENDOSCOPIC IMAGE	2
	AHEA		EXECUTION OF FREEZE	ON/OFF	SCALE	
			BEFORE OR AFTER EXECUTION OF FREEZE	ON/OFF	TEXT	
			START OF LASER LIGHT EMISSION	ON/OFF	CURSOR	
			START OF RUIR CORRECTION	Z		

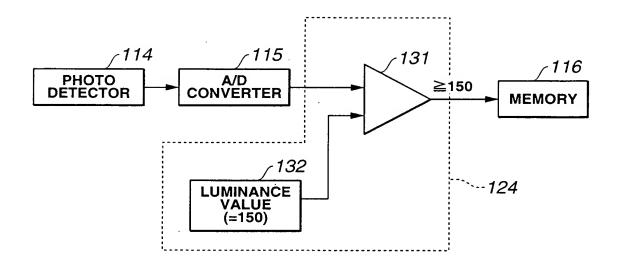
## FIG.36B

PIC IMAGE   5	PIC IMAGE 5	PIC IMAGE 5		PIC IMAGE 5	PIC IMAGE 5	Ca
NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	NORMAL ENDOSCOPIC IMAGE SCALE TEXT CURSOR	
ON/OFF ON/OFF ON/OFF	ON/OFF ON/OFF ON/OFF	ON/OFF ON/OFF ON/OFF ON/OFF ON/OFF ON/OFF	ON/OFF ON/OFF ON/OFF	ON/OFF ON/OFF ON/OFF ON/OFF ON/OFF	ON/OFF ON/OFF ON/OFF ON	
START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LASER LIGHT EMISSION START OF EI IB COBBECTION	START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LASER LIGHT EMISSION START OF BLUR CORRECTION	START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LASER LIGHT EMISSION START OF BLUR CORRECTION START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LIGHT EMISSION	START OF BLUK CORRECTION START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LASER LIGHT EMISSION START OF BLUK CORRECTION	START OF SCANNING  EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LIGHT EMISSION START OF BLUR CORRECTION START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LIGHT EMISSION START OF LASER LIGHT EMISSION START OF BLUR CORRECTION	START OF SCANNING EXECUTION OF FREEZE BEFORE OR AFTER EXECUTION OF FREEZE START OF LASER LIGHT EMISSION START OF BLUR CORRECTION	
		DESIGNATION OF SIZE=ON DESIGNATION OF SIZE=OFF		·	NO.	
FREEZE	TIME	LUMINANCE	AREA	FREEZE	DESIGNATION DISABLED	
SPECIFIC-IMAGE DISPLAY/ ALL-IMAGES PRESERVATION		ALL-IMAGES DISPLAY/ SPECIFIC-IMAGE PRESERVATION			ALL-IMAGES DISPLAY/PRESERVATION	TOTAL

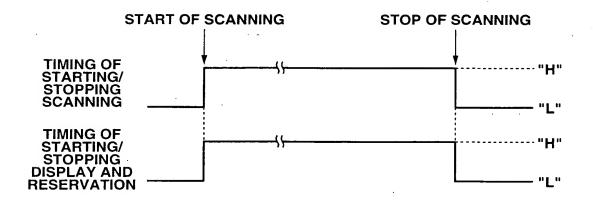
**FIG.37** 

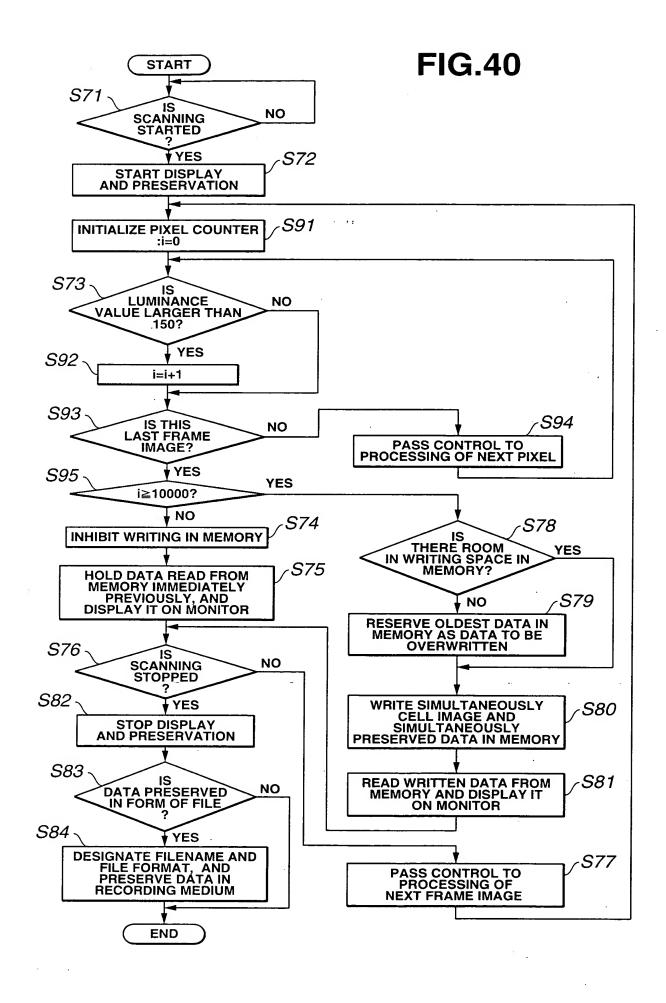


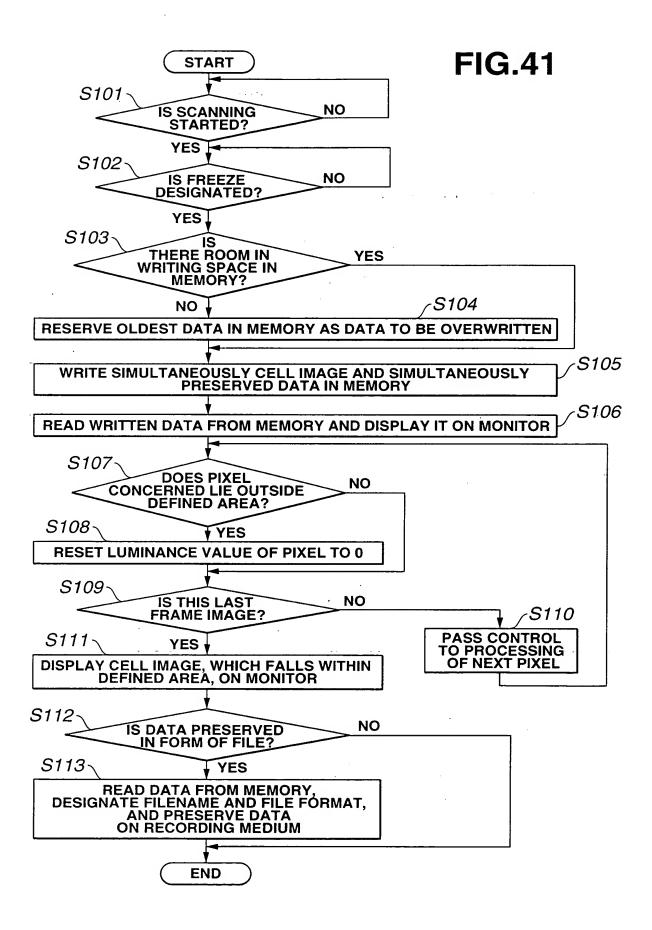
**FIG.38** 



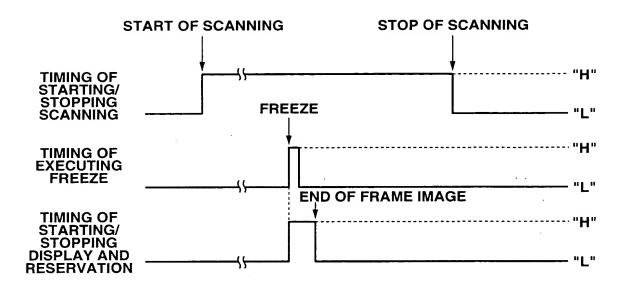
**FIG.39** 



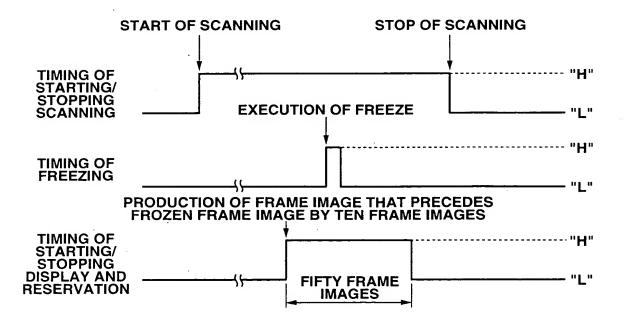


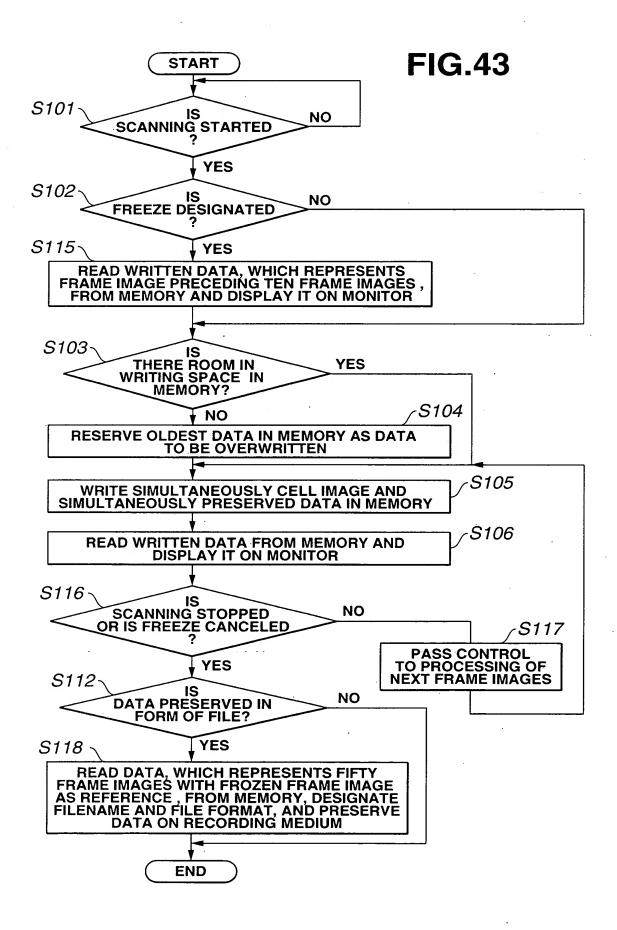


**FIG.42** 



**FIG.44** 





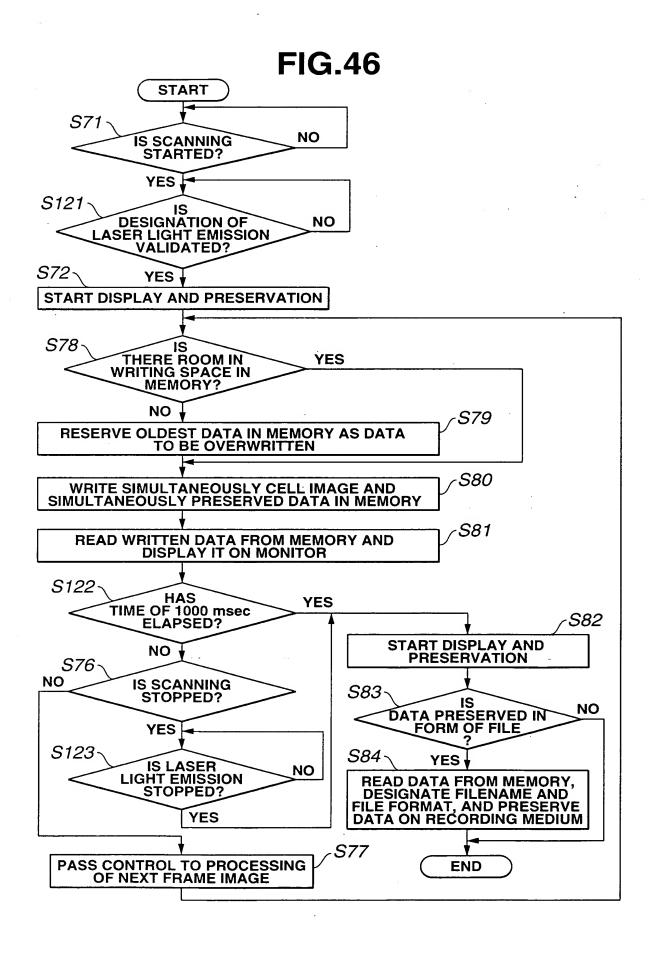
# DATA REPRESENTING FRAME IMAGE THAT PRECEDES FROZEN FRAME IMAGE BY TEN FRAME IMAGES DATA REPRESENTING FRAME IMAGE THAT PRECEDES FROZEN FRAME IMAGE BY ONE FRAME IMAGE DATA REPRESENTING FROZEN FRAME IMAGE THAT SUCCEEDS FROZEN FRAME IMAGE BY ONE FRAME IMAGE THAT SUCCEEDS FROZEN FRAME IMAGE BY ONE FRAME IMAGE

DATA REPRESENTING FRAME IMAGE THAT SUCCEEDS FROZEN FRAME IMAGE BY 39 FRAME IMAGES

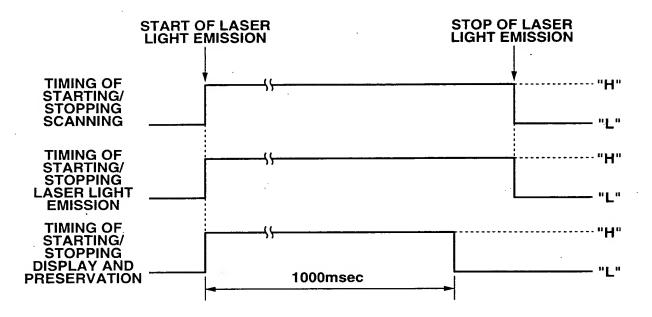
**DATA STORAGE AREA IN MEMORY** 

DATA TO BE PRESERVED (REPRESENTING FIFTY FRAME IMAGES)

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**FIG.47** 



**FIG.49** 

